What is claimed is:

4

5

6

7

8

9

10

11

12

13

14

1	1	1.	A method	for reje	cting a	compo	nent i	from a	a pick/plac	e
2	head i	in a	a componen	t placem	ent mac	hine,	the st	eps o	comprising:	;
3			a) provi	ding a c	omponen	t plac	ement	machi	ine	

- a) providing a component placement machine comprising a housing adapted for movement along an X and a Y axis above a printed circuit board and having a frame rotatably attached thereto, said frame having a plurality of pick/place heads disposed thereupon;
- b) providing a vision system comprising a camera contiguous with said housing;
- c) picking a component from a supply of components using at least one of said plurality of pick/place heads;
- d) capturing an image of said picked component, and processing said captured image to determine whether said picked component is placeable or non-placeable;
- e) providing a reject station contiguous with said housing and adapted to receive a component; and

- f) rejecting said picked component into said reject
 station when said picked component is determined to be
 non-placeable.
- 2. The method for rejecting a component from a
 pick/place head in a component placement machine as recited in
 claim 1, the steps further comprising:
- g) placing said picked component onto a printed circuit board at a predetermined location when said picked component is determined to be placeable.
- 3. The method for rejecting a component from a pick/place head in a component placement machine as recited in claim 1, wherein said rejecting step (f) comprises means for releasing said picked component form said at least one of a plurality of pick/place heads such that the said picked component is deposited into said reject station.
- 4. The method for rejecting a component from a pick/place head in a component placement machine as recited in claim 1, wherein said rejecting step (f) is accomplished substantially completely during at least one of said picking step (c) and said placing step (g).